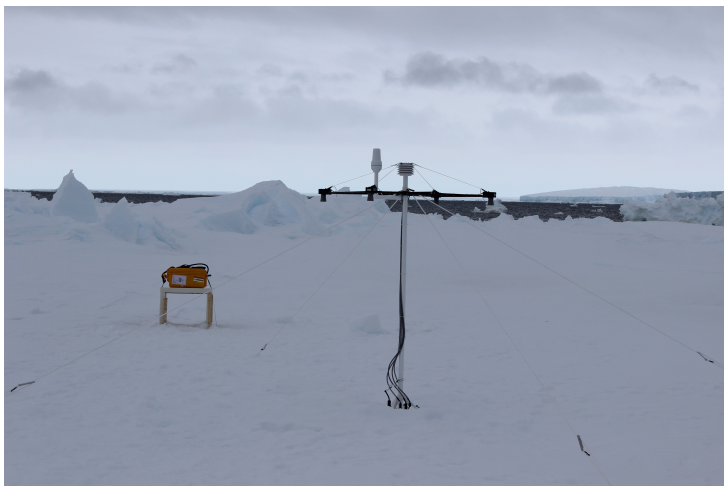
Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015S18
IMEI: 300234062324760
WMO number: 7100237
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

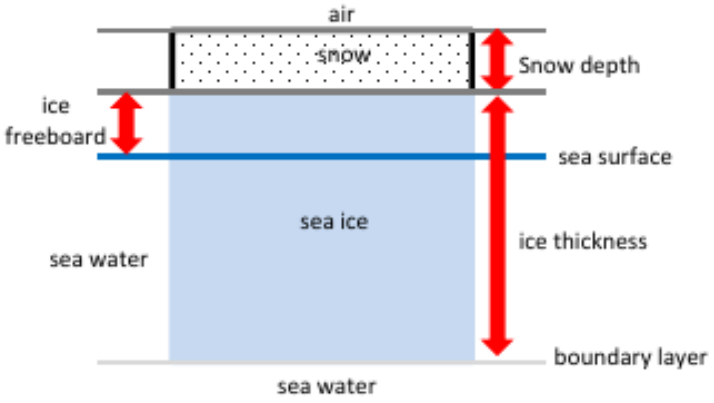


Deployment information

Date and Time (UTC): 03.01.2015 20:00
Position (Lat/Lon): -70.43800/-8.28900
Region: Weddell Sea
Contact:
Sandra Schwegmann (AWI)
Expedition name: PS89-ANT30/2
Means of deployment: Ship - mummy

Snow and ice conditions

Snow depth: 0.27 m
Ice thickness: 0.79 m
Ice freeboard: 0 m
Ice types:
FYI (First Year Ice)



Buoy-specific parameters

Initial sh1: 0.26 m
Initial sh2: 0.26 m
Initial sh3: 0.2 m
Initial sh4: 0.25 m
Temp correction: off
Sensor gps stop: 2015-01-18 19:00 UTC
Sensor temp stop: 2015-01-18 19:00 UTC
Sensor press stop: 2015-01-18 19:00 UTC
Sensor sh1 stop: 2015-01-18 04:00 UTC
Sensor sh4 stop: 2015-01-17 23:00 UTC
Sensor sh3 stop: 2015-01-17 22:00 UTC
Sensor sh2 stop: 2015-01-17 23:00 UTC

Additional information *(comments, weather, topography, ice floe size, etc.)*

Colocated with 2015T18 (FMI16), part of array with 2015P1, 2015P2, 2015P3
Floe description: diameter: 0.2km, 40 percent ridges, thickness1 to 4m, deployed in center of floe, old weatherd snow cover
WMO-ID until dead 7100237 (Antarctic)